

PHOTOGRAPHIC  
INTERPRETATION  
REPORT

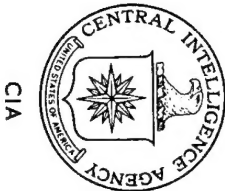
SECRET  
NO FOREIGN DISSEM

## MISSION COVERAGE INDEX

NPIC/R-1640/64

December 1964

MISSION RB 10-02, 12 OCTOBER 1964  
MISSION RB 10-03, 13 OCTOBER 1964  
MISSION RB 10-05, 15 OCTOBER 1964

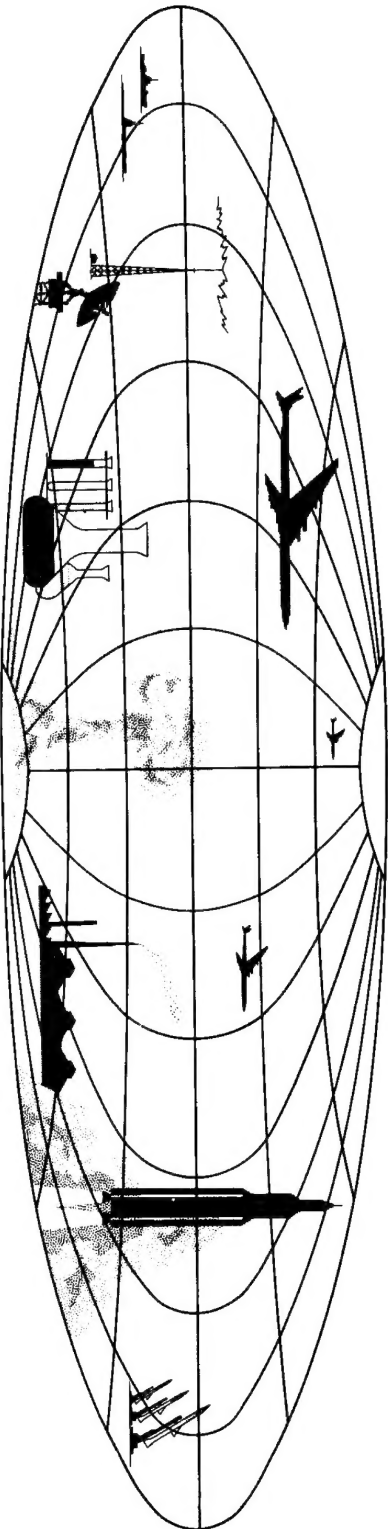


CIA



DIA

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



SECRET  
NO FOREIGN DISSEM

GROUP 1  
Excluded from automatic  
downgrading and declassification

W A R N I N G

This document contains information affecting the national defense of the United States, within the meaning of Title 18, sections 793 and 794, of the U.S. Code, as amended. Its transmission or revelation of its contents to or receipt by an unauthorized person is prohibited by law.

SECRET  
NO FOREIGN DISSEM

NPIC/R-1640/64

#### PREFACE

THIS MISSION COVERAGE INDEX (MCI) LISTS THE INTELLIGENCE TARGETS IMAGED ON THE PHOTOGRAPHY OF RUNNING BEAR MISSIONS 10-02, 12 OCTOBER 1964, 10-03, 13 OCTOBER 1964 AND 10-05, 15 OCTOBER 1964, COVERING THE REPUBLIC OF THE CONGO (LEOPOLDVILLE).

ITEMS IN THIS MCI ARE ARRANGED IN TWO SECTIONS --

SECTION I PROVIDES SHORT DESCRIPTIONS FOR NEWLY IDENTIFIED TARGETS AND PREVIOUSLY REPORTED TARGETS SHOWING CHANGE, AND ALSO PROVIDES ORDER OF BATTLE INFORMATION.

SECTION II PROVIDES A LISTING OF THOSE TARGETS WHICH COULD BE IDENTIFIED BUT NOT INTERPRETED.

TARGETS IN EACH SECTION ARE ARRANGED 1) BY COUNTRY, 2) WITHIN THE COUNTRY ACCORDING TO SUBJECT, 3) WITHIN THE SUBJECT BY WAC AREA, AND 4) WITHIN THE WAC AREA BY GEOGRAPHIC COORDINATES IN ASCENDING ORDER. AN EXPLANATION OF COLUMN HEADINGS AND PHOTO REFERENCES USED IN PRESENTING THE INFORMATION IS CONTAINED IN THE APPENDIX. THE MAP BASE USED (WHEN AVAILABLE) FOR THE DERIVATION OF COORDINATES IN THIS MCI IS THE LATEST EDITION OF THE AMS SERIES Z501, SCALE 1/200,000.

THE USER OF THIS MCI IS CAUTIONED THAT THE SCAN OF PHOTOGRAPHY WAS ACCOMPLISHED IN A

SECRET  
NO FOREIGN DISSEM

NPIC/R-1640/64

RELATIVELY SHORT TIME AND OFTEN WITHOUT THE  
AID OF PRECISE ANALYTICAL AND MENSURAL  
TECHNIQUES COMMONLY EMPLOYED IN DETAILED  
PHOTOGRAPHIC ANALYSIS. CONSEQUENTLY, ALTHOUGH  
THE INFORMATION PRESENTED HEREIN IS  
ESSENTIALLY ACCURATE, ADDITIONAL, DETAILED  
ANALYSIS MAY SOMEWHAT ALTER PORTIONS OF THE  
INFORMATION.

## SECTION I

THIS SECTION PROVIDES SHORT DESCRIPTIONS FOR NEWLY IDENTIFIED TARGETS AND PREVIOUSLY REPORTED TARGETS SHOWING CHANGE, AND ALSO PROVIDES ORDER OF BATTLE INFORMATION.



SECRET  
NO FOREIGN DISSEM

NPIC/R-1640/64

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>UNDETERMINED, PROBABLY SERVICEABLE FOR LIGHT AIRCRAFT. NO FACILITIES OR AIRCRAFT OBSERVED. OBLIQUITY LIMITS INTERPRETATION.</p> <p>25X1D [REDACTED]</p>			25X1A	
<p>LILEKO AIRFIELD ONE NM SW OF LILEKO. ONE NW/SE SOD RUNWAY, DIMENSIONS UNDETERMINED, SERVICEABLE FOR LIGHT AIRCRAFT. NO FACILITIES OR AIRCRAFT OBSERVED.</p> <p>25X1D [REDACTED]</p>	0101N 02403E	0908	[REDACTED]	6
<p>DEKESE AIRFIELD 2 NM EAST OF DEKESE AND 72 NM NE OF PORT FRANQUI. 4,500 X 160 FT WNW/ESE GRADED EARTH RUNWAY, SERVICEABLE. NO FACILITIES OR AIRCRAFT OBSERVED.</p> <p>25X1D [REDACTED]</p>	0328S 02126E	0934	[REDACTED]	4
<p>IKENGO AIRFIELD EAST EDGE OF IKENGO. ONE NNE/SSW SOD RUNWAY, DIMENSIONS UNDETERMINED, PROBABLY SERVICEABLE FOR LIGHT AIRCRAFT. NO FACILITIES OR AIRCRAFT OBSERVED.</p> <p>25X1D [REDACTED]</p>	0008S 01808E	0935	[REDACTED]	19
<p>NKOLO AIRFIELD ON SE EDGE OF NKOLO. APPROXIMATELY 4,200 X 100 FT NE/SW SOD</p>	0159S 01628E	0935	[REDACTED]	1

SECRET  
NO FOREIGN DISSEM

SECRET  
NO FOREIGN DISSEM

NPIC/R-1640/64

	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	RUNWAY, SERVICEABLE. NO FACILITIES OR AIRCRAFT OBSERVED. [REDACTED]				
25X1D	KWAMOUTH, AIRFIELD ONE NM SE OF KWAMOUTH. AIRCRAFT -- ONE UNIDENTIFIED TWIN-BOOM AIRCRAFT. HAZE AND POOR IMAGE QUALITY LIMIT INTERPRETATION. [REDACTED]	0312S 01613E	0935		14
25X1D	BANNINGVILLE AIRFIELD ON NE EDGE OF BANNINGVILLE AND JUST EAST OF THE KWANGO RIVER. 4,600 X 100 WNW/ESE HARD SURFACE RUNWAY, SERVICEABLE, AND A 67,500-SQ FT PARKING APRON. FACILITIES -- ONE ADMINISTRATION BUILDING, ONE PROBABLE MAINTENANCE BUILDING AND A SECURED POL STORAGE AREA. NO AIRCRAFT OBSERVED. [REDACTED]	0318S 01722E	0935	25X1A [REDACTED]	4
25X1D	PORT FRANCOIS AIRFIELD ON THE SOUTHERN EDGE OF PORT FRANCOIS. 2,700 X 90 FT ENE/WSW SERVICEABLE, SOD RUNWAY WITH A 900-FT OVERRUN AT WSW END. FACILITIES -- 2 SUPPORT BUILDINGS ON SOUTH SIDE OF RUNWAY. NO AIRCRAFT OBSERVED. (SEE ATTACHMENT 2) [REDACTED]	0419S 02035E	1028	25X1A [REDACTED]	2-A









SECRET  
NO FOREIGN DISSEM

NPIC/R-1640/64

	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	<p>[REDACTED]</p> <p>LULUABOURG AIRFIELD 3 NM EAST OF LULUABOURG. ONE PROBABLY ASPHALT ESE/WWN RUNWAY (LENGTH UNDETERMINED), WITH CONCRETE ENDS AND NATURAL SURFACE OVERRUNS AT EACH END, A CONCRETE PARKING APRON CONNECTED TO THE RUNWAY BY 2 CONCRETE TAXIWAYS, A HANGAR AND AN ADMINISTRATION BUILDING. AIRCRAFT -- ONE UNIDENTIFIED AIRCRAFT AND ONE POSSIBLE AIRCRAFT.</p>	0553S 02228E	1028	25X1A [REDACTED]	3-A
25X1D	<p>[REDACTED]</p> <p>LUPUTA AIRFIELD 2 NM SOUTH OF LUPUTA. 2,500 X 100 FT E/W GRADED EARTH RUNWAY, SERVICEABLE. NO FACILITIES OR AIRCRAFT OBSERVED.</p>	0711S 02342E	1029	25X1A [REDACTED]	2
25X1D	<p>[REDACTED]</p> <p>KASHIA, AIRFIELD SOUTH EDGE OF KASHIA. 3,000 X 50 FT NE/SW GRADED EARTH RUNWAY, SERVICEABLE. NO FACILITIES OR AIRCRAFT OBSERVED.</p>	0713S 02346E	1029		8
25X1D	<p>[REDACTED]</p> <p>KAKINDA, AIRFIELD 0.8 NM NNW OF KAKINDA. 2,600 X 65 FT NNW/ESE GRAVEL RUNWAY, SERVICEABLE. NO AIRCRAFT OR FACILITIES OBSERVED.</p>	0719S 02349E	1029		9

SECRET  
NO FOREIGN DISSEM

NPIC/R-1640/64

	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	 ZAILA, AIRFIELD 2 NM NORTH OF ZAILA. 2,500 X 75 FT NW/SE SOD LANDING STRIP, APPEARS UNSERVICEABLE. NO FACILITIES OR AIRCRAFT OBSERVED.	0809S 02435E	1055		11
25X1D	 BUKAMA AIRFIELD 2 NM SW OF BUKAMA. 5,000 X 200 FT NE/SW GRADED EARTH RUNWAY, APPEARS UNSERVICEABLE. NO FACILITIES OR AIRCRAFT OBSERVED.	0913S 02549E	1055	25X1A 	7
25X1D	 ASISI AIRFIELD 2 NM SSW OF MWIDYA. 3,500 X 60 FT N/S GRADED EARTH RUNWAY, SERVICEABLE. NO FACILITIES OR AIRCRAFT OBSERVED.	0925S 02547E	1055		9
25X1D	 MUKULAKULU AIRFIELD 3 NM SSW OF MUKULAKULU. 3,000 X 60 FT NW/SE GRADED EARTH RUNWAY, APPEARS UNSERVICEABLE. NO FACILITIES OR AIRCRAFT OBSERVED.	0934S 02548E	1055		8
25X1D	 LUBUDI AIRFIELD 4 NM NE OF LUBUDI.	0956S 02558E	1055		10

SECRET  
NO FOREIGN DISSEM






SECRET  
NO FOREIGN DISSEM

NPIC/R-1640/64

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>3,000 X 60 FT ENE/WSW GRADED EARTH RUNWAY, SERVICEABILITY UNDETERMINED. NO FACILITIES OR AIRCRAFT OBSERVED.</p> <p>[REDACTED] 25X1D</p>				
<p>MULUNGWISHI, AIRFIELD 1.2 NM NNE OF MULUNGWISHI. ONE E/W GRADED EARTH RUNWAY, DIMENSIONS UNDETERMINED, SERVICEABLE. NO FACILITIES OR AIRCRAFT OBSERVED.</p> <p>[REDACTED] 25X1D</p>	1045S 02637E	1055		12
<p>KAMATANDA AIRFIELD 5 NM NORTH OF JADOTVILLE. 3,325 X 250 FT NW/SE GRADED EARTH RUNWAY, SERVICEABLE. FACILITIES -- 2 SMALL HANGARS AND ONE HANGAR/OPERATIONS BUILDING. AIRCRAFT -- 2 LIAISON AND ONE OTHER PROBABLE AIRCRAFT.</p> <p>[REDACTED] 25X1D</p>	1054S 02645E	1055	25X1A [REDACTED]	5-A
<p>MILITARY INSTALLATIONS</p>			25X1A	
<p>BANNINGVILLE ARMY BARRACKS ON EASTERN EDGE OF BANNINGVILLE, JUST SOUTH OF BANNINGVILLE AIRFIELD. SECURED AREA CONTAINS 7 BARRACKS, 2 ADMINISTRATION BUILDINGS, 5 STORAGE/SUPPORT BUILDINGS, AND 10 OTHER BUILDINGS.</p> <p>[REDACTED] 25X1D</p>	0318S 01722E	0935	[REDACTED]	4-A

SECRET  
NO FOREIGN DISSEM

NPIC/R-1640/64

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
25X1D LULUABOURG ARMY CAMP JUST SOUTH OF THE LULUABOURG RAILYARDS. CAMP CONTAINS ONE LARGE QUADRANGLE-SHAPED BUILDING AND 2 LARGE AND 9 SMALLER BUILDINGS. 	0554S 02225E	1028	25X1A 	3-C
25X1D LULUABOURG ARMY BARRACKS CAMP ROLLIN EAST EDGE OF LULUABOURG, NORTH OF MILITARY ACADEMY. CAMP CONTAINS AT LEAST 10 BARRACKS AND 20 OTHER BUILDINGS. 	0554S 02226E	1028		3-B
25X1D LULUABOURG MILITARY ACADEMY SE EDGE OF LULUABOURG. INSTALLATION CONTAINS 126 BARRACKS/CLASSROOMS, ONE HEADQUARTERS BUILDING, 19 ADMINISTRATION BUILDINGS, 5 WAREHOUSES, 20 SUPPLY BUILDINGS, 54 SUPPORT BUILDINGS, 160 FAMILY QUARTERS, 25 OTHER BUILDINGS AND A SMALL-ARMS FIRING RANGE. 	0555S 02227E	1028		3-E
25X1D JADOTVILLE ARMY BARRACKS IN THE CENTRAL SECTION OF JADOTVILLE, ADJACENT TO THE NORTHERN EDGE OF THE JADOTVILLE RAIL CLASSIFICATION YARD AND SHOPS. INSTALLATION CONTAINS 20 BARRACKS, 10 WAREHOUSES, AND NUMEROUS SUPPORT BUILDINGS. 	1058S 02643E	1055		5-B

SECRET  
NO FOREIGN DISSEM

NPIC/R-1640/64

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>INDUSTRY</p> <p>FUNGURUME, MINING ACTIVITY 0.5 NM EAST OF FUNGURUME. PROBABLE COPPER MINING AREA WITH A RAILROAD YARD APPROXIMATELY 2,000 FT LONG AND AT LEAST 10 TRACKS WIDE.</p> <p>[REDACTED]</p>	1037S 02618E	1055		13
<p>BASIC SERVICES</p> <p>LULUABOURG RAILROAD YARDS 3,600-FT RAILROAD YARD, 8 TRACKS WIDE, CONTAINS A PASSENGER STATION, FREIGHT DEPOT, CAR REPAIR SHOPS AND TURNING LOOP.</p> <p>[REDACTED]</p>	0553S 02225E	1028	25X1A [REDACTED]	3-D
<p>JADOTVILLE RAILROAD YARD AND REPAIR SHOPS IN CENTRAL SECTION OF JADOTVILLE. CLASSIFICATION YARD CONSISTS OF TWO YARDS -- A 2,800-FT RECEIVING AND SORTING YARD, 35 TRACKS WIDE, AND A 1,500-FT FORWARDING AND HOLDING YARD, APPROXIMATELY 12 TRACKS WIDE. FACILITIES INCLUDE CAR REPAIR SHOPS, TURNING WYE, PASSENGER STATION AND FREIGHT DEPOT.</p> <p>[REDACTED]</p>	1059S 02644E	1055		5-C
<p>PORTS AND HARBORS</p> <p>COQUILHATVILLE PORT FACILITIES ON NW EDGE OF COQUILHATVILLE ON EAST BANK OF</p>	0004N 01815E	0907		4-D







SECRET  
NO FOREIGN DISSEM

NPIC/R-1640/64

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>CONGO RIVER. FACILITIES -- ONE CONCRETE QUAY AND 8 MEDIUM WAREHOUSES. A SMALL SHIP REPAIR YARD WITH 9 MARINE RAILWAYS IS LOCATED APPROXIMATELY ONE NM SOUTH. VESSELS -- NO LARGE VESSELS AND NUMEROUS RIVER CRAFT.</p> <p>[REDACTED]</p>	0208N 02131E	0907	25X1A [REDACTED]	1-A
<p>LISALA PORT FACILITIES SE EDGE OF LISALA ON CONGO RIVER. FACILITIES -- ONE LARGE WAREHOUSE, 3 LARGE STORAGE BUILDINGS, ONE WHARF AND ONE SMALL PIER. VESSELS -- ONE RIVER PASSENGER BOAT AND ONE RIVER FREIGHTER. (SEE ATTACHMENT 1)</p> <p>[REDACTED]</p>				
<p>YANGAMBI, PORT FACILITIES SOUTHERN EDGE OF YANGAMBI ON CONGO RIVER. FACILITIES -- ONE QUAY WITH ONE SMALL BUILDING ON DOCK AREA, AND A SMALL PIER. NO VESSELS OBSERVED.</p> <p>[REDACTED]</p>	0045N 02429E	0908		4-B
<p>BANNINGVILLE, PORT FACILITIES NW OF BANNINGVILLE ON KWANGO RIVER AND JUST WEST OF BANNINGVILLE AIRFIELD. FACILITIES -- ONE QUAY UNDER CONSTRUCTION, 100 X 55 FT AND 3 LARGE WAREHOUSES. VESSELS -- 8 RIVER PASSENGER VESSELS, 6 LARGE RIVER CARGO VESSELS AND 31 OTHER SMALL CRAFT.</p>	0319S 01722E	0935		4-B

SECRET  
NO FOREIGN DISSEM

NPIC/R-1640/64

	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	 STORAGE EMBONDO, PROBABLE PETROLEUM STORAGE 1.4 NM NORTH OF EMBONDO. AREA CONTAINS 2 VERTICAL POL STORAGE TANKS AND 6 SMALL ASSOCIATED BUILDINGS.	0205N 02144E	0907		11
25X1D	 YANGAMBI, PETROLEUM STORAGE SOUTHERN EDGE OF YANGAMBI ON CONGO RIVER. AREA CONTAINS 2 PROBABLE POL TANKS.	0045N 02428E	0908		4-A
25X1D	 ISANGI, PETROLEUM STORAGE ON EASTERN EDGE OF ISANGI AT CONFLUENCE OF CONGO AND LOMAMI RIVERS. AREA CONTAINS 3 MEDIUM POL TANKS.	0046N 02416E	0908		5
25X1D	 URBAN COMPLEXES COQUILHATVILLE COMPLEX COMPLEX CONTAINS A POL STORAGE, MILITARY BARRACKS COMPLEX, AN AIRFIELD, PORT FACILITIES, AND A SMALL SHIP REPAIR YARD. (SEE ATTACHMENT 3)	0004N 01816E	0907	25X1A 	4-C
25X1D	 PORT FRANCOU COMPLEX COMPLEX IS PRIMARILY RESIDENTIAL IN NATURE AND	0419S 02037E	1028		2

SECRET  
NO FOREIGN DISSEM

NPIC/R-1640/64

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>CONTAINS PORT FACILITIES, A SECURED POL STORAGE AREA WITH 7 LARGE VERTICAL TANKS, RAIL YARDS, 4 LARGE WAREHOUSES AND 20 OTHER STORAGE BUILDINGS. INCOMPLETE PHOTOGRAPHIC COVERAGE LIMITS INTERPRETATION.</p> <p>25X1D [REDACTED]</p>			25X1A	
<p>LULUABOURG COMPLEX COMPLEX CONTAINS AN AIRFIELD, MILITARY ACADEMY, 2 MILITARY CAMPS AND A RAILROAD YARD AND SHOPS.</p> <p>25X1D [REDACTED]</p>	0554S 02225E	1028	[REDACTED]	3
<p>JADOTVILLE COMPLEX COMPLEX, APPROXIMATELY 20 SQ NM IN SIZE, CONTAINS A COPPER/COBALT REFINERY, CHEMICAL PLANT, ARMY BARRACKS, AND A RAIL CLASSIFICATION YARD AND SHOPS. POOR IMAGE QUALITY LIMITS INTERPRETATION.</p> <p>25X1D [REDACTED]</p>	1059S 02643E	1055	[REDACTED]	5
<p>MISCELLANEOUS</p> <p>25X1D COQUILHATVILLE GOVERNMENT CONTROL CENTER LOCATED 0.4 NM SW OF THE PORT AREA.</p> <p>25X1D AN INSTALLATION LOCATED AT 00-03- [REDACTED] 018-15- [REDACTED] E CONTAINS 6 SINGLE-STORY BUILDINGS</p>	0004N 01816E	0907	[REDACTED]	4-B

SECRET



SECRET  
NO FOREIGN DISSEM

NPIC/R-1640/64

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>RADIATING FROM A CIRCULAR COVERED WALKWAY, 6 TWO-STORY BUILDINGS (ONE L-SHAPED, ONE QUADRANGLE-SHAPED WITH 3 ASSOCIATED BUILDINGS, AND ONE IRREGULARLY SHAPED), AND ONE POSSIBLE GUARD TOWER.</p> <div style="background-color: black; height: 20px; width: 300px; margin-top: 10px;"></div>				


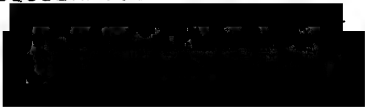


SECRET  
NO FOREIGN DISSEM

## SECTION II

THIS SECTION PROVIDES A LISTING OF THOSE TARGETS WHICH COULD BE IDENTIFIED BUT NOT INTERPRETED.

SECRET  
NO FOREIGN DISSEM

NPIC/R-1640/64

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
-CONGO (LEOPOLDVILLE)- AIR INSTALLATIONS			25X1A	
25X1A COQUILHATVILLE AIRFIELD	0001N 01817E	0907		4-A
25X1D 				
25X1A BASOKO AIRFIELD	0115N 02338E	0907		7
25X1D 				

SECRET  
NO FOREIGN DISSEM

SECRET  
NO FOREIGN DISSEM

NPIC/R-1640/64

## APPENDIX

### COLUMN HEADINGS

City, Installation--This column contains the name of the city or town nearest the installation, followed by the name of the installation. If the name of the installation is not known, it is titled according to its function. Where appropriate, the city and installation names are followed by a capsule description.

Coordinates--Coordinates are referenced to the SW corner of the minute square. When the subject installation covers a wide area, coordinates are given for the approximate center of the installation.

WAC--This column provides the World Aeronautical Chart number for that area in which the subject installation is situated.

Installation Numbers--This column is divided into two subcolumns. The first subcolumn lists, when known, the BE installation number assigned to the installation. The second subcolumn lists the installation number assigned by NPIC. Installation numbers, when used to reference an item, should be prefixed by the appropriate WAC number, since installation numbers are repeated from WAC to WAC. For example, there is an NPIC target number

0907-15-A and an NPIC target number 0908-15-A. In each instance, the NPIC installation number is 15-A, but the installations appear on different WAC charts.

### COMOR TARGET NUMBERS

Target numbers assigned by the Committee on Over-head Reconnaissance (COMOR), when available, are listed directly above the photo reference data.

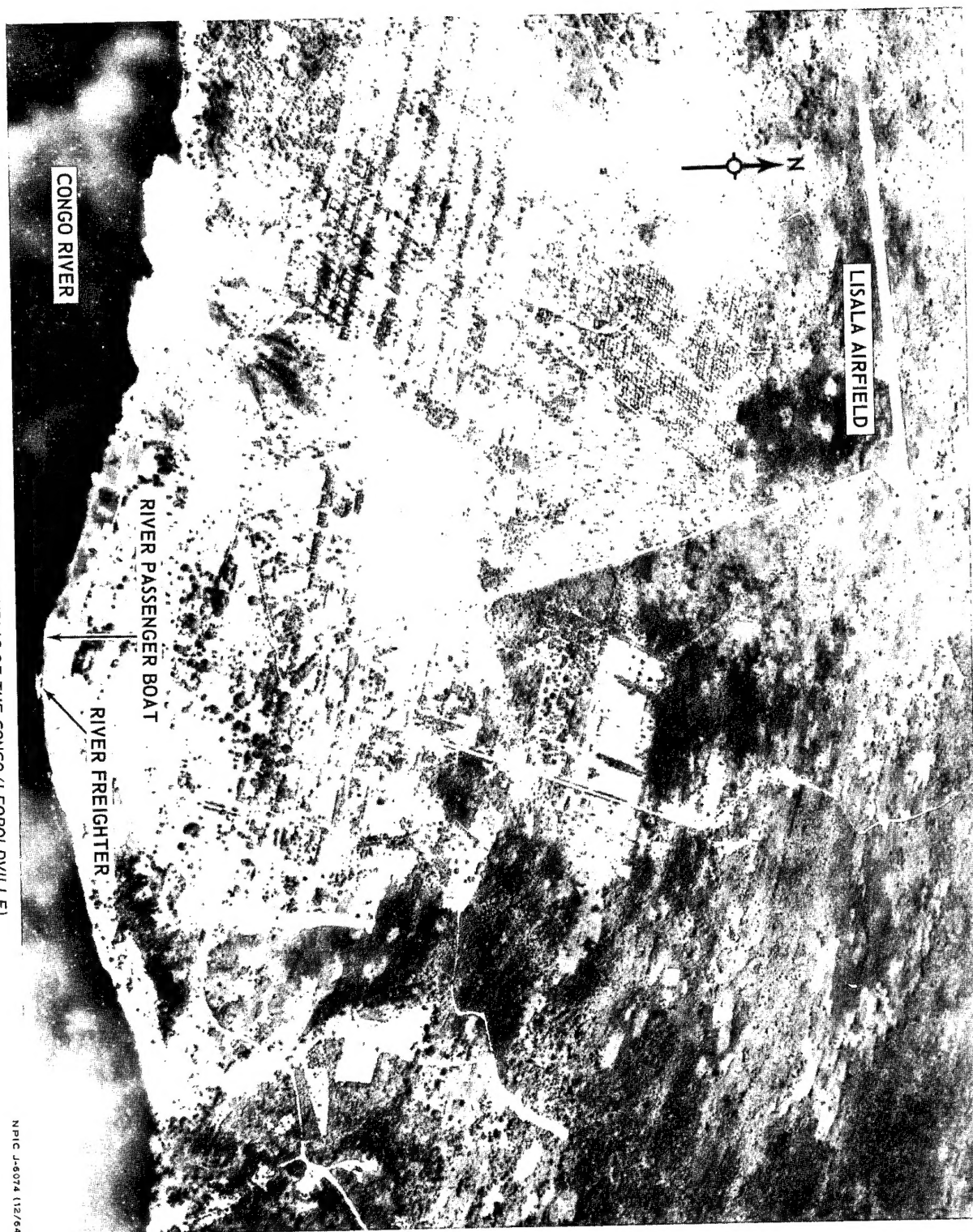
### PHOTO REFERENCE DATA

The photo reference data indicates the frame(s) on which the installation appears.

### CONDITIONS AFFECTING PHOTOGRAPHY

Following the photo reference data, symbols indicate conditions which affect the appearance of the installation on the photography. The symbols are: C (clear); SC (scattered cloud cover); HC (heavy cloud cover); SC-HC (scattered-to-heavy cloud cover); H (haze); CS (cloud shadow); SD (semidarkness); O (obliquity); and PQ (poor image quality).

SECRET  
NO FOREIGN DISSEM



SECRET  
NO FOREIGN DISSEM

NPIC/R-1640/64  
ATTACHMENT 1



PORT FRANCAIR AIRFIELD, REPUBLIC OF THE CONGO (LEOPOLDVILLE)

NPIC J46075 (12/64)

SECRET  
NO FOREIGN DISSEM

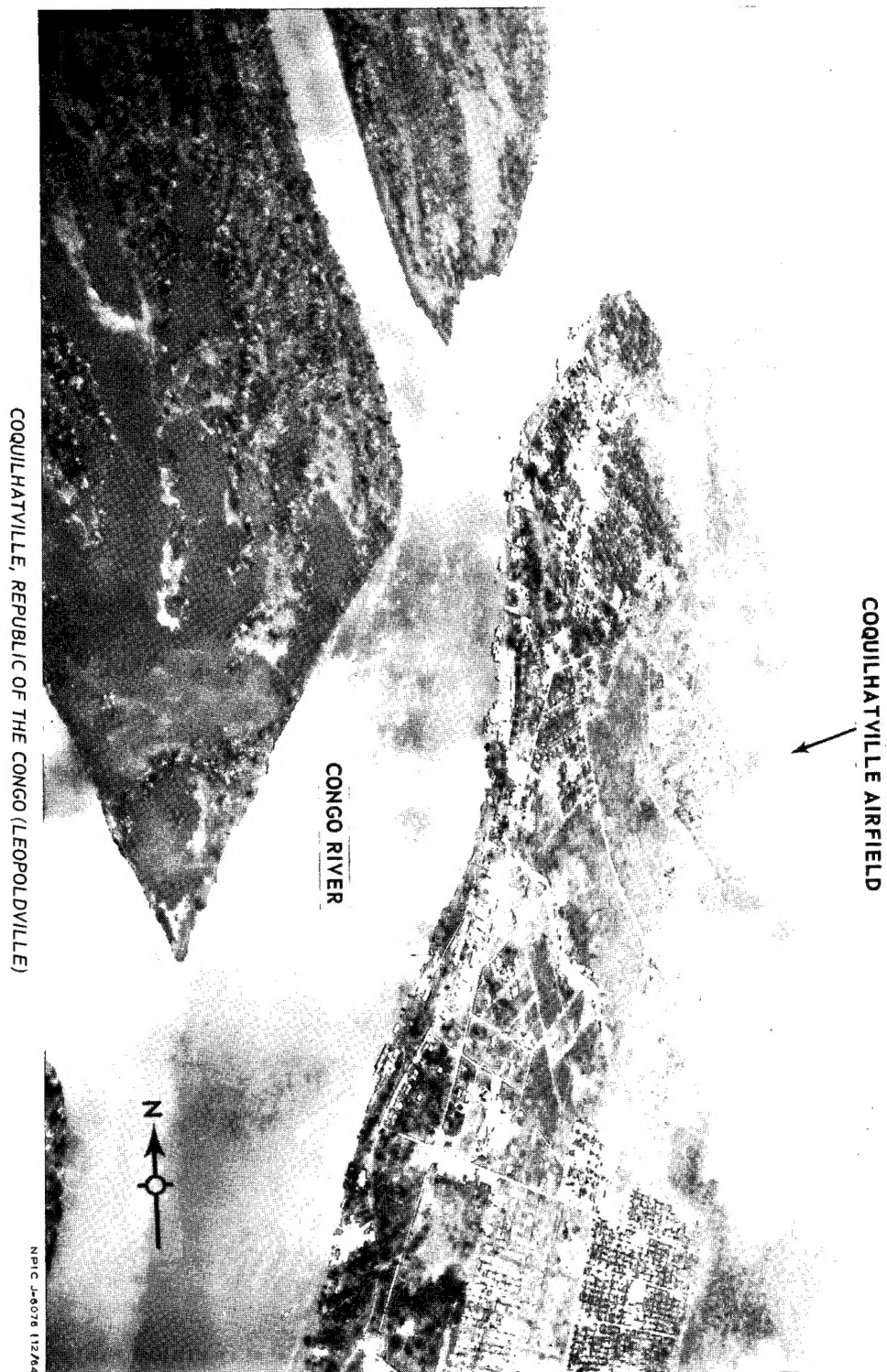
NPIC/R-1640/64  
ATTACHMENT 2

SECRET  
NO FOREIGN DISSEM



**SECRET**  
NO FOREIGN DISSEM

NPIC/R-1640/64  
ATTACHMENT 3



**SECRET**  
NO FOREIGN DISSEM

SECRET  
NO FOREIGN DISSEM

SECRET  
NO FOREIGN DISSEM